

CD NO.

25X1

COUNTRY East Germany

DATE DISTR.

55

SUBJECT Questions Asked of Soviet Ambassadors in
Potsdam

NO. OF PAGES

**PLACE
ACQUIRED**

DATE OF INFO.

**SUPPLEMENT TO
REPORT NO. 1**

THIS IS UNEVALUATED INFORMATION

25X1

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U. S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR BY ANY UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

25X1

1. In November 1954, on the occasion of the Month of Soviet German Friendship, two Soviet officers, a colonel and a major from Werder airfield, visited the Meteorological and Hydrological Service (MHD) in Potsdam. In a meeting with a larger group of meteorologists, the two Soviet officers had to answer questions which enter into discussion. The questions to be asked had been submitted for approval to Professor Philipps, (nu)chief of MHD, who for unknown reasons, rejected 10 of the 21 inquiries. The others were answered by the Soviets.
2. The questions asked of the Soviet officers included:
 - (1) What training program do the Soviets have for meteorologists in the USSR (institute of technology, university)? Do the students graduate as graduate meteorologists or doctors?
 - (2) Does the Soviet press publish weather reports and extracts from weather maps?
 - (3) Does the broadcast give weather forecasts? If so, how often, and do they include special reports for agriculture and the building industry?
 - (4) Are printed weather maps available for amateurs?
 - (5) Which method is applied for the drawing of weather maps?
 - (6) Does television give weather forecasts and weather reports with maps?
 - (11) Does the USSR prepare monthly meteorological maps of AT 500 mb covering the entire northern hemisphere?
 - (14) What training is given to Soviet meteorological technicians? More general or special? Can these technicians be used for synoptics, aerology and in the climate service as well?
 - (15) Do meteorologists in the synoptic service remain for a long period of time at their stations in order to gain experience for weather prediction, or are they quite often transferred to other climatic regions?
 - (18) How is the training for Soviet radio operators of the meteorological service? Special schools?
 - (19) Are there contests for signal personnel and personnel of the meteorological service? If so, how are they being arranged.
3. The following questions were cancelled by Professor Philipps:
 - (7) Are medium and long range weather forecasts in the USSR being prepared only according to the Maltanovsky method, or are other systems also being applied?
 - (8) Have long range weather forecasts according to the Maltanovsky method been statistically tested for their correctness? How high is the percentage of their correctness?
 - (9) Could this method without any changes be adopted for central European regions which are under a stronger maritime influence?

CLASSIFICATION

~~SECRET~~

[illegible]

25X1

25X1

SECRET

2

- (10) Does the Central Institute also prepare long range forecasts for East Germany? If so, could any information be given in this respect? 25X1
- (12) What are the Reper processes?
- (13) Are ground and high altitude weather observations of Soviet polar stations generally transmitted by radio?
- (16) The 7,980 kcl frequency that runs parallel with the East German transmitting system is frequently heavily jammed. Do these disturbances also occur in Moscow? Can the frequency be changed?
- (17) Do Soviet radio operators have a regular 6-day duty? If not, what is the maximum daily work time? How many duty hours do they have per week?
- (20) Would it be possible to obtain a complete survey on all USSR weather transmitting stations with frequencies, transmitting times and content of the messages. If not, could we get the signal codes, transmitting times and frequencies of those transmitters in the regions 20-22-23?
- (21) It occurs frequently that Prague transmits reports for Schoenefeld to us. Is it possible that these reports can be transmitted via Werder to Schoenefeld? Potsdam has not had this capability since 26 October.

25X1

SECRET

25X1